

## Thomas J Gardner

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**To:** Gueorgui Velev; Paul C Czarapata; David J Harding; Oliver J Kiemschies; John R Zweibohmer; James N Blowers  
**Cc:** Steve Werkema; Cons Gattuso; Ioanis Kourbanis; Bill Pellico; Keith Gollwitzer; Paul Derwent; Ron Moore; Craig D. Moore; Erene Noyola; Michael J Lamm; Helen Szuba-Jensen  
**Subject:** AD/TD Projects Meeting, Feb 10th at 1:30 pm, Industrial Central Building (ICB), Engineering room ICB 3rd floor

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**From:** Gueorgui Velev

**Sent:** Thursday, February 09, 2012 10:55 AM

**To:** Paul C Czarapata; David J Harding; Oliver J Kiemschies; Thomas J Gardner; John R Zweibohmer; James N Blowers

**Cc:** Steve Werkema; Cons Gattuso; Ioanis Kourbanis; Bill Pellico; Keith Gollwitzer; Paul Derwent; Ron Moore; Craig D. Moore; Erene Noyola; Michael J Lamm; Helen Szuba-Jensen

**Subject:** AD/TD Projects Meeting, Feb 10th at 1:30 pm, Industrial Central Building (ICB), Engineering room ICB 3rd floor

Dear all -

We are going to have AD/TD Projects Meeting, this Friday Feb 10th at 1:30 pm.  
The meeting is going to be held in the ICB Engineering conference room.  
Below, you can find the tentative agenda for the meeting.

George

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AD/TD Projects Meeting  
Friday, Feb 10th, 2012 1:30 PM  
ICB Engineering conference room, ICB 3rd floor.  
Archives for previous meetings can be found at:  
<http://tdserver1.fnal.gov/AcceleratorSupport/TD-BD Meetings/>

Proton Source:

[479](#)- RFQ source, PIP project

Solenoids are done and installed.

LE dipole correctors are received from Milhouse and measured accepted - one more spare is just ordered.

2 Einzel lens are done and installed.

ME quads: parts for 6 quads including the H&V dipole correctors are done and measured.

Now we are assembling and aligning them

in doublets and we have a problem to align them - it start to be urgent problem for us.

Linac: - no current jobs.

Booster:

[372](#) - Vacuum repairs of Booster spare gradient magnets - magnet 49 (focusing) is done,  
magnet 48 (defocusing) is done, the job is closed.

[372](#) - build 7 short kickers for the Booster, 1 is absolutely needed for FY12 shutdown + the first prototype. We have the parts and we are starting the production.

[372](#) - EDWA magnets, failing polyurethane pads, we took the spare, opened it, plan to fix this in the FY12 shutdown.

[491](#) - Provide assistance in estimating the cost of producing new Booster RF Tuners and fixing the old ones, collecting information. We have the first cost estimation per tuner.

MI:

[373](#) - Main Injector maintenance and repair: building spares, 5-10 new MQT corrector quadrupoles for MI, started as low priority job.

[504](#) - Looking for IQx (IQB) to be reworked into an IQF for a spare for #403 - started.

[503](#) - Modify 9 IDH to IDHW, increasing by an inch the aperture - in progress, 5 done.

[507](#) - Design, procure and assemble (6) permanent magnets for use with three Ionization Profile Monitors - needed for FY12 shutdown. The magnet design process is in second iteration. The SmCo bricks are ordered, a quote from HiTech for assembling is in, \$16K magnet.

[373](#) - Main Injector maintenance and repair: rotating coil measurements of 4 IQB magnets, not measured before, to inventory them as spares, looked at IQG magnets to be modified IQB.

[374](#) - P-bar - no current active jobs for P-bar - decommissioning tasks? tooling, other parts ...

[376](#) - TeV - no current active jobs for TeV - decommissioning, magnets, parts tooling ...

External beam lines:

[433](#) - ~7 3Q120 magnets from A150 line has to be inspected, the support to be modified and beam tubes repaired. NuMI want them for FY12 shutdown.

## Shutdown requirements

Next meeting? Friday March 2nd or 9th?

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